

PATENT  
#2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	Robinson et al.	Examiner:	Unassigned
Serial No.:	To be assigned	Group Art Unit:	Unassigned
Filed:	Herewith	Confirmation No.:	
For:	SYNTHESIS OF TEMPLATE-FIXED $\beta$ -HAIRPIN LOOP MIMETICS	Docket:	753-10 PCT/US
		Dated:	February 26, 2002

I hereby certify that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" Mailing Label No. EU203325616, addressed to: Commissioner for Patents, Washington, D.C. 20231, on

Date: February 26, 2002  
Signature: Linda J. Scheurle  
Linda J. Scheurle

Commissioner for Patents  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

In fulfillment of the requirements of candor and good faith set forth in 37 C.F.R. §1.56, Applicants submit herewith the following Information Disclosure Statement in accordance with the provisions of 37 C.F.R. §1.97 and §1.98.

As this Information Disclosure Statement is being filed before the issuance of the first Office Action, no fee is deemed necessary.

## I. U.S. PATENTS

<u>Patent No./Inventor</u>	<u>Title</u>	<u>Issue Date</u>
5,670,155 to Kahn	Conformationally Restricted Mimetics of Beta Turns and Beta Bulges and Peptides Containing the Same	09/23/1997

## II. FOREIGN PATENT APPLICATIONS

<u>Country</u>	<u>Document No.</u>	<u>Publication Date</u>
EPO	0 592 791 A2	04/20/1994

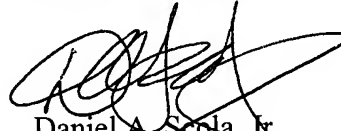
## III. NON-PATENT PUBLICATIONS

- S. Hanessian, et al., "Design and Synthesis of Conformationally Constrained Amino Acids as Versatile Scaffolds and Peptide Mimetics", Tetrahedron Report Number 426, *Tetrahedron*, Vol. 53, No. 38, pp. 12789-12854, Elsevier Science Ltd., 1997.
- D. Obrecht, et al., "Novel Peptide Mimetic Building Blocks and Strategies for Efficient Lead Finding", *Advances in Medicinal Chemistry*, Vol. 4, pp 1-68, JAI Press Inc., 1999.
- J. Späth, et al., "Stabilization of a  $\beta$ -Hairpin Conformation in a Cyclic Peptide Using the Templating Effect of a Heterochiral Diproline Unit", *Helvetica Chimica Institute*, Vol. 81, XP-002137025, Organic Chemistry, University of Zürich, 1998.
- M. E. Pfeifer, et al., "Stabilisation of  $\beta$ -hairpin conformations in a protein surface mimetic using a bicyclic template derived from (2*S*,3*R*,4*R*)-diaminoproline", *Chem. Commun.*, pp. 1977-1978, XP-002137024, Institute of Organic Chemistry, University of Zurich, 1998.
- K. Sato, et al., "Solid phase synthesis of human growth hormone-releasing factor analogs containing a bicyclic  $\beta$ -turn dipeptide", *International Journal of Peptide & Protein Research*, pp. 340-345, XP-002292090, 1991.
- M. Favre, et al., "Structural Mimicry of Canonical Conformations in Antibody Hypervariable Loops Using Cyclic Peptides Containing a Heterochiral Diproline Template", *J. Am. Chem. Soc.*, 121, pp. 2679-2685, XP-002137023, 1999.

Copies of each of these references are attached herewith. These references have been cited in an International Search Report or an International Preliminary Examination Report for the international application PCT/EP99/06369. The relevance of these references are unknown except as being cited in these Reports. Copies of these Reports are enclosed herewith. All of the references listed above are also listed on Applicants' Form PTO-1449 which is attached to this Information Disclosure Statement for the convenience of the Examiner.

Should the Examiner have any questions or comments concerning the above, the Examiner is respectfully invited to contact the undersigned attorney at the telephone number set forth below.

Respectfully submitted,



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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	ATTY. DOCKET NO. 753-10 PCT/US	SERIAL NO.
	APPLICANT Robinson et al.	CONFIRMATION NO.
	FILING DATE	GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	5,670,155	09/23/97	Kahn			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
	0592791A2	04/20/94	EPO				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		S. Hanessian, et al., "Design and Synthesis of Conformationally Constrained Amino Acids as Versatile Scaffolds and Peptide Mimetics", <i>Tetrahedron Report Number 426, Tetrahedron</i> , Vol. 53, No. 38, pp. 12789-12854, Elsevier Science Ltd., 1997.
		D. Obrecht, et al., "Novel Peptide Mimetic Building Blocks and Strategies for Efficient Lead Finding", <i>Advances in Medicinal Chemistry</i> , Vol. 4, pp 1-68, JAI Press Inc., 1999.
		J. Späth, et al., "Stabilization of a $\beta$ -Hairpin Conformation in a Cyclic Peptide Using the Templating Effect of a Heterochiral Diproline Unit", <i>Helvetica Chimica Institute</i> , Vol. 81, XP-002137025, Organic Chemistry, University of Zürich, 1998.
		M. E. Pfeifer, et al., "Stabilisation of $\beta$ -hairpin conformations in a protein surface mimetic using a bicyclic template derived from (2S,3R,4R)-diaminoproline", <i>Chem. Commun.</i> , pp. 1977-1978, XP-002137024, Institute of Organic Chemistry, University of Zurich, 1998.
		K. Sato, et al., "Solid phase synthesis of human growth hormone-releasing factor analogs containing a bicyclic $\beta$ -turn dipeptide", <i>International Journal of Peptide &amp; Protein Research</i> , pp. 340-345, XP-002292090, 1991.
		M. Favre, et al., "Structural Mimicry of Canonical Conformations in Antibody Hypervariable Loops Using Cyclic Peptides Containing a Heterochiral Diproline Template", <i>J. Am. Chem. Soc.</i> , 121, pp. 2679-2685, XP-002137023, 1999.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.